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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/623,794	07/21/2003	Leonard Forbes	1303.108US1	6101
7	590 10/05/2004	EXAMINER		
	Lundberg, Wocssner &	ESTRADA, I	ESTRADA, MICHELLE	
Attn: Marvin L. Beckman P.O. Box 2938			ART UNIT	PAPER NUMBER
Minneapolis, I	MN 55402		2823	

DATE MAILED: 10/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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1.121(d). 9-152.	
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		Application No.	Applicant(s)				
Office Action Summary			, ,				
		10/623,794	FORBES ET AL.				
		Examiner	Art Unit				
_		Michelle Estrada	2823				
 Period for	The MAILING DATE of this communicated Reply	tion appears on the cover s	heet with the correspondence a	ddress			
THE M - Extens after S - If the p - If NO p - Failure Any re	PRTENED STATUTORY PERIOD FOR MAILING DATE OF THIS COMMUNICA sions of time may be available under the provisions of 3' SIX (6) MONTHS from the mailing date of this communic period for reply specified above is less than thirty (30) deperiod for reply is specified above, the maximum statuto a to reply within the set or extended period for reply will, ply received by the Office later than three months after it diparent term adjustment. See 37 CFR 1.704(b).	NTION. 7 CFR 1.136(a). In no event, howeve action. ays, a reply within the statutory miniming period will apply and will expire SIX by statute, cause the application to be	or, may a reply be timely filed um of thirty (30) days will be considered time ((6) MONTHS from the mailing date of this of ecome ABANDONED (35 U.S.C. § 133).	aly. communication.			
Status							
1)⊠ F	1) Responsive to communication(s) filed on 12 July 2004.						
2a) <u></u> □	This action is FINAL . 2b) This action is non-final.						
3)□ \$	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
(closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims							
4) 🛛 (Claim(s) <u>1-47</u> is/are pending in the application.						
4	4a) Of the above claim(s) is/are withdrawn from consideration.						
5) 🗌 (Claim(s) is/are allowed.						
7) 🗌 (Claim(s) is/are objected to.						
8)🛛 (Claim(s) <u>1-47</u> are subject to restriction a	and/or election requiremer	ıt.				
Applicatio	on Papers						
9) <u></u> ⊤	he specification is objected to by the E	xaminer.					
10)∐ T	10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
A	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
F	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11)∐ T	he oath or declaration is objected to by	the Examiner. Note the a	ttached Office Action or form P	TO-152.			
Priority ur	nder 35 U.S.C. § 119						
a)[Acknowledgment is made of a claim for All b) Some * c) None of: 1. Certified copies of the priority doc 2. Certified copies of the priority doc 3. Copies of the certified copies of the application from the International ee the attached detailed Office action for	cuments have been receive cuments have been receive he priority documents have Bureau (PCT Rule 17.2(a	ed. ed in Application No e been received in this National)).	l Stage			
Attachment(s)						
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)							
_	of Draftsperson's Patent Drawing Review (PTO- ation Disclosure Statement(s) (PTO-1449 or PTO	····/	per No(s)/Mail Date otice of Informal Patent Application (PT	·O-152)			
	No(s)/Mail Date		her:	,			

Art Unit: 2823

Election/Restrictions

Applicant's election without traverse of Group II (Claims 1-47) in the reply filed on 7/12/04 is acknowledged. Applicant canceled claims 48-73 (Group II).

This application contains claims directed to the following patentably distinct species of the claimed invention: the first species, comprising forming a predetermined arrangement of a plurality of holes in the semiconductor wafer through a surface of the wafer (Fig. 1); the second species, comprising precisely forming a plurality of holes through a surface of a semiconductor substrate in a precise arrangement (Fig. 2); the third species, comprising forming a proximity gettering region to be proximate to a crystalline semiconductor region in a wafer including formation of a transistor (Fig. 3); the fourth species, comprising forming a memory array in the crystalline semiconductor region, including a plurality of memory cells in rows and column and forming at least one transistor for each of the plurality of memory cells; and forming control circuitry, including forming word line select circuitry and bit line select circuitry for use to select a number of memory cells for writing and reading operations (Fig. 15).

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims are generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim

is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Art Unit: 2823

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michelle Estrada whose telephone number is 571-272-1858. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Olik Chaudhuri can be reached on 571-272-1855. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2800.

Michelle Estrada Examiner Art Unit 2823

ME September 22, 2004